

CLASSIFICATION:

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BUDGET ITEM JUSTIFICATION SHEET P-40							DATE: <b>FEBRUARY 2004</b>																																																							
APPROPRIATION/BUDGET ACTIVITY <b>Aircraft Procurement, Navy/BA-7</b>						P-1 ITEM NOMENCLATURE <b>COMMON GROUND EQUIPMENT</b>																																																								
Program Element for Code B Items:						Other Related Program Elements																																																								
	Prior Years	ID Code		FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total																																																		
QUANTITY																																																														
COST (In Millions)	*			<b>\$416.031</b>	<b>\$457.445</b>	<b>\$474.521</b>	<b>\$479.830</b>	<b>\$428.059</b>	<b>\$421.193</b>	<b>\$421.539</b>	<b>Continued</b>	<b>Continued</b>																																																		
<p>The Common Ground Equipment line funds procurement of Automatic Test Equipment (ATE), various aircraft systems trainers and training aids, the Consolidated Automated Support System (CASS), support equipment for the Rapid Deployment Force, mobile maintenance facilities for Marine expeditionary forces, and other aircraft ground support equipment that is either peculiar to out-of-production aircraft or common in applicability to more than one aircraft. The requiring managers responsible for these procurements and the funds presently assigned to them are as follows:</p> <table style="width: 100%; margin-top: 20px;"> <thead> <tr> <th></th> <th><u>FY 2003</u></th> <th><u>FY 2004</u></th> <th><u>FY 2005</u></th> <th><u>FY 2006</u></th> <th><u>FY 2007</u></th> <th><u>FY 2008</u></th> <th><u>FY 2009</u></th> <th><u>To Complete</u></th> <th><u>Total</u></th> </tr> </thead> <tbody> <tr> <td>Ground Support Equip</td> <td style="text-align: right;">246.565</td> <td style="text-align: right;">286.675</td> <td style="text-align: right;">294.262</td> <td style="text-align: right;">283.347</td> <td style="text-align: right;">277.546</td> <td style="text-align: right;">274.605</td> <td style="text-align: right;">266.490</td> <td style="text-align: center;">Continued</td> <td style="text-align: center;">Continued</td> </tr> <tr> <td>Mobile Maint Facilities</td> <td style="text-align: right;">4.972</td> <td style="text-align: right;">5.161</td> <td style="text-align: right;">5.373</td> <td style="text-align: right;">11.742</td> <td style="text-align: right;">11.455</td> <td style="text-align: right;">11.479</td> <td style="text-align: right;">11.606</td> <td style="text-align: center;">Continued</td> <td style="text-align: center;">Continued</td> </tr> <tr> <td>Training</td> <td style="text-align: right;">164.494</td> <td style="text-align: right;">165.609</td> <td style="text-align: right;">174.886</td> <td style="text-align: right;">184.741</td> <td style="text-align: right;">139.058</td> <td style="text-align: right;">135.109</td> <td style="text-align: right;">143.443</td> <td style="text-align: center;">Continued</td> <td style="text-align: center;">Continued</td> </tr> <tr> <td style="text-align: right;"><b>TOTAL</b></td> <td style="text-align: right;"><b>416.031</b></td> <td style="text-align: right;"><b>457.445</b></td> <td style="text-align: right;"><b>474.521</b></td> <td style="text-align: right;"><b>479.830</b></td> <td style="text-align: right;"><b>428.059</b></td> <td style="text-align: right;"><b>421.193</b></td> <td style="text-align: right;"><b>421.539</b></td> <td style="text-align: center;">Continued</td> <td style="text-align: center;">Continued</td> </tr> </tbody> </table>														<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>To Complete</u>	<u>Total</u>	Ground Support Equip	246.565	286.675	294.262	283.347	277.546	274.605	266.490	Continued	Continued	Mobile Maint Facilities	4.972	5.161	5.373	11.742	11.455	11.479	11.606	Continued	Continued	Training	164.494	165.609	174.886	184.741	139.058	135.109	143.443	Continued	Continued	<b>TOTAL</b>	<b>416.031</b>	<b>457.445</b>	<b>474.521</b>	<b>479.830</b>	<b>428.059</b>	<b>421.193</b>	<b>421.539</b>	Continued	Continued
	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>To Complete</u>	<u>Total</u>																																																					
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\* Due to multiple Requiring Financial Managers (RFM's) in prior years, detailed breakout of prior year data is not available.

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BUDGET ITEM JUSTIFICATION SHEET P-40						DATE: FEBRUARY 2004																																																																												
APPROPRIATION/BUDGET ACTIVITY <b>Aircraft Procurement, Navy BA-7</b>						P-1 ITEM NOMENCLATURE <b>COMMON AND CASS - 47C2 SUPPORT EQUIPMENT</b>																																																																												
Program Element for Code B Items:						Other Related Program Elements																																																																												
	Prior Years	ID Code		FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total																																																																						
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COST (In Millions)	*			246.565	286.675	294.262	283.347	277.546	274.605	266.490	Continued	Continued																																																																						
<p>The following elements comprise the Aviation Support Equipment and Consolidated Automated Support Systems Programs.</p> <table border="1"> <thead> <tr> <th></th> <th><u>FY 2003</u></th> <th><u>FY 2004</u></th> <th><u>FY 2005</u></th> <th><u>FY 2006</u></th> <th><u>FY 2007</u></th> <th><u>FY 2008</u></th> <th><u>FY 2009</u></th> <th><u>To Complete</u></th> <th><u>Total</u></th> </tr> </thead> <tbody> <tr> <td>Automatic Test Equipment</td> <td>67.137</td> <td>67.516</td> <td>37.306</td> <td>52.523</td> <td>32.559</td> <td>31.972</td> <td>30.108</td> <td>Continued</td> <td>Continued</td> </tr> <tr> <td>Aircraft Common SE</td> <td>71.781</td> <td>88.042</td> <td>127.445</td> <td>118.043</td> <td>134.295</td> <td>133.751</td> <td>130.431</td> <td>Continued</td> <td>Continued</td> </tr> <tr> <td>ICP/HQM SE</td> <td>20.891</td> <td>39.418</td> <td>52.937</td> <td>26.417</td> <td>22.401</td> <td>18.469</td> <td>13.765</td> <td>Continued</td> <td>Continued</td> </tr> <tr> <td>Sub Total</td> <td>159.809</td> <td>194.976</td> <td>217.688</td> <td>196.983</td> <td>189.255</td> <td>184.192</td> <td>174.304</td> <td>Continued</td> <td>Continued</td> </tr> <tr> <td>Consolidated Automated Supt Syst</td> <td>86.756</td> <td>91.699</td> <td>76.574</td> <td>86.364</td> <td>88.291</td> <td>90.413</td> <td>92.186</td> <td>Continued</td> <td>Continued</td> </tr> <tr> <td>Grand Total</td> <td>246.565</td> <td>286.675</td> <td>294.262</td> <td>283.347</td> <td>277.546</td> <td>274.605</td> <td>266.490</td> <td>Continued</td> <td>Continued</td> </tr> </tbody> </table>														<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>To Complete</u>	<u>Total</u>	Automatic Test Equipment	67.137	67.516	37.306	52.523	32.559	31.972	30.108	Continued	Continued	Aircraft Common SE	71.781	88.042	127.445	118.043	134.295	133.751	130.431	Continued	Continued	ICP/HQM SE	20.891	39.418	52.937	26.417	22.401	18.469	13.765	Continued	Continued	Sub Total	159.809	194.976	217.688	196.983	189.255	184.192	174.304	Continued	Continued	Consolidated Automated Supt Syst	86.756	91.699	76.574	86.364	88.291	90.413	92.186	Continued	Continued	Grand Total	246.565	286.675	294.262	283.347	277.546	274.605	266.490	Continued	Continued
	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>To Complete</u>	<u>Total</u>																																																																									
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BUDGET ITEM JUSTIFICATION SHEET P-40								DATE: FEBRUARY 2004				
APPROPRIATION/BUDGET ACTIVITY <b>Aircraft Procurement, Navy/BA-7</b>						P-1 ITEM NOMENCLATURE <b>COMMON GROUND EQUIPMENT-47C2</b> <b>AUTOMATIC TEST EQUIPMENT</b>						
Program Element for Code B Items:						Other Related Program Elements						
	Prior Years	ID Code		FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total
QUANTITY												
COST (In Millions)	*	A		\$67.137	\$67.516	\$37.306	\$52.523	\$32.559	\$31.972	\$30.108	Continued	Continued
<p><b>GENERAL PROGRAM DESCRIPTION</b>            This sub-line provides for the transition of current Automatic Test Equipment (ATE) Test Program Sets (TPSs) to AN/USM-636(V) Consolidated Automated Support System (CASS), and the acquisition of common ATE to meet fleet operational requirements identified in the fleet concurred Common Support Equipment Operational Requirements List.</p> <p><b>TEST PROGRAM SETS (TPSs) TRANSITION TO CASS</b>            TPSs are SE that consist of the hardware, software, and documentation required to automatically fault detect and isolate electronic units under test (UUTs) to the defective sub-component. Existing ATE that can no longer be economically supported will be offloaded to CASS based on fleet priorities. This budget request funds for the procurement of TPSs to offload support from existing obsolete ATE to CASS, as well as support of GFE requirements for these efforts such as CASS stations in the Test Integration Facilities and UUTs. Offload projects include USM-470(V)1 MV, High Power ATE Offload (APM-446 RSTS, APM-457, OJ-632 RFTS, OJ-615/602), AWM-23, USM-392B DMTS, USM-629 EOTS, USM-403 HATS, USM-467 RADCOM, AAM-60, USM-484 HTS, USM-429 CAT IIID, USM-470(V)2 TMV, ASM-686 IATS, and VTS.</p> <p><b>ATE MODIFICATION</b>            System modification is necessary to maintain current technology, replace obsolete and insupportable equipment, incorporate necessary reliability and maintainability improvements, and correct Fleet reported problems as a result of Engineering Investigations/Quality Deficiency Reports for out-of-production common ATE (CATE). The modification requirement is also driven by the availability of CASS stations to offload existing ATE. These requirements are to resolve current obsolescence problems in CATE scheduled for future offload to CASS. Without these modifications replacement parts will not be available, and CATE will not remain operational.</p>												
<small>* Due to multiple Requiring Financial Managers (RFM's) in prior years, detailed breakout of prior year data is not available.</small>												

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WEAPONS SYSTEM COST ANALYSIS P-5							Weapon System						DATE: FEBRUARY 2004			
APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy BA-7							ID Code A	P-1 ITEM NOMENCLATURE/SUBHEAD COMMON GROUND EQUIPMENT 47C2 Automatic Test Equipment								
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS													
			Prior Years				FY 2003			FY 2004			FY 2005			
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost				Quantity	Unit Cost	Total Cost	
70000	1. TPS Transition to CASS  2. Production Support	A							51,837  15,300			53,063  14,453			22,838  14,468	
			0			0			67,137			67,516			37,306	

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APPROPRIATION/BUDGET ACTIVITY <b>Aircraft Procurement, Navy/BA-7</b>						P-1 ITEM NOMENCLATURE <b>A/C Common Support Equipment - Common Ground - 47C2</b>						
Program Element for Code B Items:						Other Related Program Elements						
	Prior Years	ID Code		FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total
QUANTITY												
COST (In Millions)	*	A		<b>\$71.781</b>	<b>\$88.042</b>	<b>\$127.445</b>	<b>\$118.043</b>	<b>\$134.295</b>	<b>\$133.751</b>	<b>\$130.431</b>	<b>Continued</b>	<b>Continued</b>
<p>General Program Description: This budget sub-line provides for the acquisition of Support Equipment (SE) end items under the inventory and technical management of NAVAIR. These SE end items are required for ground testing handling, and maintenance of aircraft and their systems. Examples of SE items acquired under this budget line item include aircraft propulsion test systems, mobile air conditioners and generators and aircraft handling equipment.</p> <p>Also included are common avionics support equipment (ASE) items which are too complex technically to be transitioned to the inventory control point for acquisition. The ASE included is managed by NAVAIR and supported through the Navy Inventory Control Point.</p> <p>COMNAVAIRLANT/PAC warfighters, as supported by OSD and DON, have cited serious deficiencies in fleet support equipment (SE). These deficiencies have negatively impacted aircraft readiness, sailor Quality of Life (QOL) and Lifecycle Costs (LCC). FY04/05 reflects significant increases in funding to address these deficiencies and concerns as supported by the following fleet prioritizations and audits: (1) Navy IG Audit "Aircraft Spares and Readiness" dtd August 2000 identified shortfalls in SE and test equipment inventories having a negative impact on the flying hour program, and in particular aviation depot level repairables (AVDLR) expenditures; (2) Naval Aviation FY01 CV OAG identified Legacy ATE transition to CASS and support equipment (SE) recapitalization as a priority issue (#9 of 20); (3) Fleet Readiness Assessment Group (FRAG) reported, "Legacy SE is becoming unsupportable due to lack of funding and insufficient depot rework of existing SE...It is critical to restore the CASS Offload schedule and SE procurement accounts..."; and (4) GAO Audit #350137 "Review of Aviation Test Equipment Issues" identifies "...much of the test equipment needed to troubleshoot aircraft repairables has become obsolete...Maintenance personnel have expressed a concern that they were not able to troubleshoot or provide much needed useable aircraft parts to operate units because of troubles with or lack of test equipment."</p>												
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DATE:

**P-40a****FEBRUARY 2004**

APPROPRIATION/BUDGET ACTIVITY

P-1 ITEM NOMENCLATURE

**Aircraft Procurement, Navy/BA-7****A/C Common Support Equipment - Common Ground - 47C2**

Procurement Items	ID Code	Prior Years		FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total
4. Floodlight Set												
Qty		344			180	44						
Cost		6,500			4,600	792						
5. NC-2 CILOP												
Qty		108										
Cost		12,664										
6. Jet Engine Test Instr.												
Qty		5		6	3	12						
Cost		5,130		5,808	2,800	11,400						
7. Generator Test Stand												
Qty		44		13								
Cost		11,985		3,621								
8. Cable Repair SE												
Qty		41										
Cost		2,688										
9. AWM-102												
Qty		906										
Cost		2,904										
10 .JSECST												
Qty		119		66								
Cost		23,327		15,389								
11. Crane, wheel												
Qty												
Cost												
<b>SUB-TOTAL</b>		<b>65,198</b>		<b>24,818</b>	<b>7,400</b>	<b>12,192</b>						

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BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS								DATE:				
P-40a								FEBRUARY 2004				
APPROPRIATION/BUDGET ACTIVITY						P-1 ITEM NOMENCLATURE						
Aircraft Procurement, Navy/BA-7						A/C Common Support Equipment - Common Ground - 47C2						
Procurement Items	ID Code	Prior Years		FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total
FORWARDED		65,198		24,818	7,400	12,192						
12. Hyd Power Supply (elec)												
Qty					5	35						
Cost					250	1,750						
13. 482A Replacement												
Qty						4						
Cost						200						
14. ABE												
Qty					5							
Cost					2,500							
15. Air Conditioner Diesel												
Qty					5	74						
Cost					300	4,440						
16. Thermal Image NDI												
Qty												
Cost												
17. PORTS												
Qty												
Cost												
18. Shorebased Deicer												
Qty					5	8						
Cost					1,500	2,400						
19. Coast AWM-103												
Qty				128	241	217						
Cost				5,459	8,430	6,749						
SUB-TOTAL		65,198		30,277	20,380	27,731						

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BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS P-40a								DATE: FEBRUARY 2004				
APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy/BA-7						P-1 ITEM NOMENCLATURE A/C Common Support Equipment - Common Ground - 47C2						
Procurement Items	ID Code	Prior Years		FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total
<b>FORWARDED</b>		<b>65,198</b>		<b>30,277</b>	<b>20,380</b>	<b>27,731</b>						
20. Tow Tractor (SE Mid)												
Qty					5	332						
Cost					175	11,620						
21. Air Conditioner (Electric)												
Qty					5	45						
Cost					450	2,025						
22. Hyd Power Supply (diesel)												
Qty					5	165						
Cost					350	11,550						
23. MSU 200 NAV												
Qty				49	120	120						
Cost				10,045	27,000	27,999						
24. Detector, Mag Particle												
Qty				16	434	218						
Cost				205	2,772	1,469						
25. Shaft Engine Test Instr.(SETI)												
Qty						4						
Cost						3,200						
26. Engine Torque System (ETS)												
Qty					12	13						
Cost					1,440	1,560						
27. Tow Tractor, Heavy												
Qty												
Cost												
<b>SUB-TOTAL</b>		<b>65,198</b>		<b>40,527</b>	<b>52,567</b>	<b>87,154</b>						

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P-40a						FEBRUARY 2004						
APPROPRIATION/BUDGET ACTIVITY						P-1 ITEM NOMENCLATURE						
Aircraft Procurement, Navy/BA-7						A/C Common Support Equipment - Common Ground - 47C2						
Procurement Items	ID Code	Prior Years		FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total
<b>FORWARDED</b>		<b>65,198</b>		<b>40,527</b>	<b>52,567</b>							
28. Shipboard Tractor CILOP												
Qty												
Cost												
29. T/S Altimeter												
Qty					10							
Cost					500							
30. SD-2 Spotting Pully CILOP												
Qty												
Cost												
31. Digital Radiography												
Qty												
Cost												
32. T/S Navigation/TACAN												
Qty					10							
Cost					350							
33. Fuel Qty T/S												
Qty				10								
Cost				200								
34. O2 Trailer												
Qty					3							
Cost					75							
35. Mobile N2 Gas Generator												
Qty				4	48							
Cost				400	4,800							
<b>SUB-TOTAL</b>		<b>65,198</b>		<b>41,127</b>	<b>58,292</b>							

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APPROPRIATION/BUDGET ACTIVITY						P-1 ITEM NOMENCLATURE						
Aircraft Procurement, Navy/BA-7						A/C Common Support Equipment - Common Ground - 47C2						
Procurement Items	ID Code	Prior Years		FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total
FORWARDED		65,198		41,127	58,292	0						
36. Stenciling SE												
Qty				40								
Cost				214								
37. MMG-A1												
Qty												
Cost												
38. Landbased MEPP												
Qty												
Cost												
39. RFLTS Replacement												
Qty												
Cost												
40. Propulison O-level Tester												
Qty												
Cost												
41. B4, B5 Maint. Platform												
Qty												
Cost												
42. TPETI												
Qty												
Cost												
43. NG SW Loader												
Qty												
Cost												
SUB-TOTAL		65,198		41,341	58,292	0						

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APPROPRIATION/BUDGET ACTIVITY						P-1 ITEM NOMENCLATURE						
Aircraft Procurement, Navy/BA-7						A/C Common Support Equipment - Common Ground - 47C2						
Procurement Items	ID Code	Prior Years		FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total
FORWARDED		65,198		41,341	58,292	0						
44. ECAD wiring TS												
Qty												
Cost												
45. Aqueous Weapons Cleaner												
Qty												
Cost												
46. Agitated Solvent Parts Washer												
Qty												
Cost												
47. Comp Repair Temp/Press Set												
Qty												
Cost												
48. Stereo Video Microscope												
Qty												
Cost												
49. Fiber Optic repair set												
Qty						2						
Cost						54						
50. Optical fiber test set												
Qty						2						
Cost						21						
51. OTD reflectometer												
Qty						2						
Cost						45						
SUB-TOTAL		65,198		41,341	58,292	120						

P-1 SHOPPING LIST

CLASSIFICATION:

ITEM NO. 54

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P-1 SHOPPING LIST

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<b>Exhibit P-20, Requirements Study</b>			APPROPRIATION/BUDGET ACTIVITY <b>AIRCRAFT PROCUREMENT, NAVY/BA-7</b>			DATE: <b>FEBRUARY 2004</b>		
P-1 ITEM NOMENCLATURE <b>Jet Engine Test Instrumentation</b>			Admin Leadtime (after Oct1): <b>3 month</b>			Prod Leadtime : <b>8 months</b>		
			FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008
Buy Summary			6	3	12			
Unit Cost			968	933	950			
Total Cost			5,808	2,800	11,400			
<b>Asset Dynamics</b>								
Beginning Asset Position			3	5	12			
Deliveries from all prior year funding			2					
Deliveries from FY 2003 funding				6				
Deliveries from FY 2004 funding				1	2			
Deliveries from FY 2005 funding					2			
Deliveries from subsequent years' funding								
Other Gains								
Combat Losses/Usage								
Training Losses/Usage								
Test Losses/Usage								
Other Losses/Usage								
Disposals/Retirements/Attritions/etc.								
<b>End of Year Asset Position</b>			5	12	16			
Inventory Objective or Current Authorized Allowance			36	36	36			
Inventory Objective <b>36</b>	Actual Training Expenditures	Other than Training Usage	Disposals (Vehicles/Other)			Vehicles Eligible for FY 2004 Replacement:	Aircraft: TOAI:	
Assets Rqd For Combat Loads:	FY 2002 thru 31 Jul 02	FY 2002 thru 31 Jul 02	FY 2002 thru 31 Jul 02			Vehicles Eligible for FY 2005 Replacement:	PAA: TAI	
WRM Rqmt:	FY 1999:	FY 1999:	FY 1999:			Vehicle Augment:	Attrition Res:	
Pipeline:	FY 1998:	FY 1998:	FY 1998:				BAI	
Other:	FY 1997:	FY 1997:	FY 1997:				Inactive Inv:	
TOTAL:							Storage:	
Remarks:								

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<b>Exhibit P-20, Requirements Study</b>			APPROPRIATION/BUDGET ACTIVITY <b>AIRCRAFT PROCUREMENT, NAVY/BA-7</b>			DATE: <b>FEBRUARY 2004</b>		
P-1 ITEM NOMENCLATURE <b>Coast (AWM-103)</b>			Admin Leadtime (after Oct1): <b>3 months</b>			Prod Leadtime : <b>8 months</b>		
			FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008
Buy Summary			128	241	217			
Unit Cost			43	35	31			
Total Cost			5,459	8,430	6,749			
<b>Asset Dynamics</b>								
Beginning Asset Position			0	14	128			
Deliveries from all prior year funding								
Deliveries from FY 2003 funding			14	114				
Deliveries from FY 2004 funding					144			
Deliveries from FY 2005 funding								
Deliveries from subsequent years' funding								
Other Gains								
Combat Losses/Usage								
Training Losses/Usage								
Test Losses/Usage								
Other Losses/Usage								
Disposals/Retirements/Attritions/etc.								
<b>End of Year Asset Position</b>			14	128	272			
Inventory Objective or Current Authorized Allowance			777	777	777			
Inventory Objective <b>777</b>	Actual Training Expenditures	Other than Training Usage	Disposals (Vehicles/Other)			Vehicles Eligible for FY 2004 Replacement:	Aircraft: TOAI:	
Assets Rqd For Combat Loads:	FY 2002 thru 31 Jul 02	FY 2002 thru 31 Jul 02	FY 2002 thru 31 Jul 02			Vehicles Eligible for FY 2005 Replacement:	PAA: TAI	
WRM Rqmt:	FY 1999:	FY 1999:	FY 1999:			Vehicle Augment:	Attrition Res:	
Pipeline:	FY 1998:	FY 1998:	FY 1998:				BAI	
Other:	FY 1997:	FY 1997:	FY 1997:				Inactive Inv:	
TOTAL:							Storage:	
Remarks:								

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<b>Exhibit P-20, Requirements Study</b>			APPROPRIATION/BUDGET ACTIVITY <b>AIRCRAFT PROCUREMENT, NAVY/BA-7</b>			DATE: <b>FEBRUARY 2004</b>		
P-1 ITEM NOMENCLATURE <b>MID/SE LANDBASED TOW TRACTOR</b>			Admin Leadtime (after Oct1): <b>3 months</b>			Prod Leadtime : <b>5 months</b>		
			FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008
Buy Summary				5	332			
Unit Cost				35	35			
Total Cost				175	11,620			
<b>Asset Dynamics</b>								
Beginning Asset Position				0	5			
Deliveries from all prior year funding								
Deliveries from FY 2003 funding								
Deliveries from FY 2004 funding				5				
Deliveries from FY 2005 funding					32			
Deliveries from subsequent years' funding								
Other Gains								
Combat Losses/Usage								
Training Losses/Usage								
Test Losses/Usage								
Other Losses/Usage								
Disposals/Retirements/Attritions/etc.								
<b>End of Year Asset Position</b>				5	37			
Inventory Objective or Current Authorized Allowance				1,362	1,362			
Inventory Objective <b>1,362</b>	Actual Training Expenditures	Other than Training Usage	Disposals (Vehicles/Other)	Vehicles Eligible for FY 2004 Replacement:		Aircraft: TOAI:		
Assets Rqd For Combat Loads:	FY 2002 thru 31 Jul 02	FY 2002 thru 31 Jul 02	FY 2002 thru 31 Jul 02	Vehicles Eligible for FY 2005 Replacement:		PAA: TAI		
WRM Rqmt:	FY 1999:	FY 1999:	FY 1999:	Vehicle Augment:		Attrition Res:		
Pipeline:	FY 1998:	FY 1998:	FY 1998:			BAI		
Other:	FY 1997:	FY 1997:	FY 1997:			Inactive Inv:		
TOTAL:						Storage:		
Remarks:								

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<b>Exhibit P-20, Requirements Study</b>			APPROPRIATION/BUDGET ACTIVITY <b>AIRCRAFT PROCUREMENT, NAVY/BA-7</b>			DATE: <b>FEBRUARY 2004</b>		
P-1 ITEM NOMENCLATURE <b>POWER SUPPLY, HYDRAULIC-DIESEL</b>			Admin Leadtime (after Oct1): <b>6 months</b>			Prod Leadtime : <b>5 months</b>		
			FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008
Buy Summary				5	165			
Unit Cost				70	70			
Total Cost				350	11,550			
<b>Asset Dynamics</b>								
Beginning Asset Position				0	3			
Deliveries from all prior year funding								
Deliveries from FY 2003 funding								
Deliveries from FY 2004 funding				3	2			
Deliveries from FY 2005 funding								
Deliveries from subsequent years' funding								
Other Gains								
Combat Losses/Usage								
Training Losses/Usage								
Test Losses/Usage								
Other Losses/Usage								
Disposals/Retirements/Attritions/etc.								
<b>End of Year Asset Position</b>				3	5			
Inventory Objective or Current Authorized Allowance				750	750			
Inventory Objective <b>750</b>	Actual Training Expenditures	Other than Training Usage	Disposals (Vehicles/Other)	Vehicles Eligible for FY 2004 Replacement:	Aircraft: TOAI:			
Assets Rqd For Combat Loads:	FY 2002 thru 31 Jul 02	FY 2002 thru 31 Jul 02	FY 2002 thru 31 Jul 02	Vehicles Eligible for FY 2005 Replacement:	PAA: TAI			
WRM Rqmt:	FY 1999:	FY 1999:	FY 1999:	Vehicle Augment:	Attrition Res:			
Pipeline:	FY 1998:	FY 1998:	FY 1998:		BAI			
Other:	FY 1997:	FY 1997:	FY 1997:		Inactive Inv:			
TOTAL:					Storage:			
Remarks:								

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<b>Exhibit P-20, Requirements Study</b>			APPROPRIATION/BUDGET ACTIVITY <b>AIRCRAFT PROCUREMENT, NAVY/BA-7</b>			DATE: <b>FEBRUARY 2004</b>		
P-1 ITEM NOMENCLATURE <b>MSU 200 NAV</b>			Admin Leadtime (after Oct1): <b>3 months</b>			Prod Leadtime : <b>10 months</b>		
			FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008
Buy Summary			49	120	120			
Unit Cost			205	225	233			
Total Cost			10,045	27,000	27,999			
<b>Asset Dynamics</b>								
Beginning Asset Position			0	0	49			
Deliveries from all prior year funding								
Deliveries from FY 2003 funding			0	49				
Deliveries from FY 2004 funding				0	120			
Deliveries from FY 2005 funding								
Deliveries from subsequent years' funding								
Other Gains								
Combat Losses/Usage								
Training Losses/Usage								
Test Losses/Usage								
Other Losses/Usage								
Disposals/Retirements/Attritions/etc.								
<b>End of Year Asset Position</b>			0	49	169			
Inventory Objective or Current Authorized Allowance			459	459	459			
Inventory Objective <b>459</b>	Actual Training Expenditures	Other than Training Usage	Disposals (Vehicles/Other)		Vehicles Eligible for FY 2004 Replacement:	Aircraft: TOAI:		
Assets Rqd For Combat Loads:	FY 2002 thru 31 Jul 02	FY 2002 thru 31 Jul 02	FY 2002 thru 31 Jul 02		Vehicles Eligible for FY 2005 Replacement:	PAA: TAI		
WRM Rqmt:	FY 1999:	FY 1999:	FY 1999:		Vehicle Augment:	Attrition Res:		
Pipeline:	FY 1998:	FY 1998:	FY 1998:			BAI		
Other:	FY 1997:	FY 1997:	FY 1997:			Inactive Inv:		
TOTAL:						Storage:		
Remarks:								

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BUDGET ITEM JUSTIFICATION SHEET P-40							DATE: FEBRUARY 2004					
<b>APPROPRIATION/BUDGET ACTIVITY</b> <b>Aircraft Procurement, Navy/BA-7</b>							<b>P-1 ITEM NOMENCLATURE</b> <b>ICP/HEADQUARTERS MANAGED SUPPORT EQUIPMENT</b>					
Program Element for Code B Items:							Other Related Program Elements					
	Prior Years	ID Code		FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total
QUANTITY												
COST (In Millions)	*	A		\$20.891	\$39.418	\$52.937	\$26.417	\$22.401	\$18.469	\$13.765	Continued	Continued
<p>General Program Description</p> <p>This budget sub-line funds the procurement of end items of Peculiar Support Equipment (PSE) for out-of-production weapon systems, and Common Support Equipment (CSE) under the budget, procurement, and inventory control of the Naval Inventory Control Point (NAVICP). PSE and CSE end items are normally introduced into the fleet through NAVAIR development, and initial procurement. When design is stabilized and procurement packages are available, these items then migrate to NAVICP management, and are funded under this sub-line. NAVICP currently manages over 11,000 individual repairable SE end items. This subline also funds initial outfitting of new construction ships.</p> <p>This sub-line also provides for the replacement of certain in-use PSE that are now marginally effective, due to obsolescence, or to the unavailability of associated logistics support. As a consequence, a logistically supportable replacement item must be designed and produced. This budget sub-line provides replacement of PSE support for out-of-production aircraft requirements only.</p> <p>In addition, this sub-line provides for the completion of the design and production of: (1) certain PSE items that were not funded during the production phase of the weapon system, and (2) modifications to out-of-production aircraft PSE to extend its useful service life.</p> <p>NAVAIR is responsible for the design, and initial production of the items cited above. When each is fully qualified, NAVICP will assume material management responsibility for the item.</p> <p>COMNAVAIRLANT/PAC warfighters, as supported by OSD and DON, have cited serious deficiencies in fleet support equipment (SE). These deficiencies have negatively impacted aircraft readiness, sailor Quality of Life (QOL) and Lifecycle Costs (LCC). FY04/05 reflects significant increases in funding to address these deficiencies and concerns as supported by the following fleet prioritizations and audits: (1) Navy IG Audit "Aircraft Spares and Readiness" dtd August 2000 identified shortfalls in SE and test equipment inventories having a negative impact on the flying hour program, and in particular aviation depot level repairables (AVDLR) expenditures; (2) Naval Aviation FY01 CV OAG identified Legacy ATE transition to CASS and support equipment (SE) recapitalization as a priority issue (#9 of 20); (3) Fleet Readiness Assessment Group (FRAG) reported, "Legacy SE is becoming unsupportable due to lack of funding and insufficient depot rework of existing SE...It is critical to restore the CASS Offload schedule and SE procurement accounts..."; and (4) GAO Audit #350137 "Review of Aviation Test Equipment Issues" identifies "...much of the test equipment needed to troubleshoot aircraft repairables has become obsolete...Maintenance personnel have expressed a concern that they were not able to troubleshoot or provide much needed useable aircraft parts to operate units because of troubles with or lack of test equipment."</p>												
* Due to multiple Requiring Financial Managers (RFM's) in prior years, detailed breakout of prior year data is not available.												

P-1 SHOPPING LIST

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WEAPONS SYSTEM COST ANALYSIS P-5						Weapon System								DATE: FEBRUARY 2004		
APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy BA-7						ID Code A	P-1 ITEM NOMENCLATURE/SUBHEAD A/C Common Ground Equipment 47C2 ICP/HEADQUARTERS MANAGED SUPPORT EQUIPMENT									
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS													
			Prior Years				FY 2003			FY 2004			FY 2005			
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	
70600	1. Additional CSE for initial outfitting of sites due to: (a) intro of weapon systems and (b) baseloading changes for existing weapon systems/subsystems.								9,540			12,111			11,895	
	2. Additional PSE for initial outfitting of sites due to baseloading changes for out-of-production weapon systems and subsystems.								200			3,330			14,282	
	3. New SE required for replenishment of existing SE due to obsolesence and attrition.								9,090			20,522			23,265	
	Production Support								2,061			3,455			3,495	
									20,891			39,418			52,937	

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BUDGET ITEM JUSTIFICATION SHEET P-40							DATE: FEBRUARY 2004					
APPROPRIATION/BUDGET ACTIVITY <b>Aircraft Procurement, Navy</b>						P-1 ITEM NOMENCLATURE <b>Consolidated Automated Support System-47C2</b>						
Program Element for Code B Items:						Other Related Program Elements						
	Prior Years	ID Code		FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total
QUANTITY				12	18	15	17	19	19	19	Continuing	Continuing
COST (In Millions)	*			\$86.756	\$91.699	\$76.574	\$86.364	\$88.291	\$90.413	\$92.186	Continuing	Continuing
<p><b>Program Coverage:</b> The Consolidated Automated Support System (CASS) program (ACAT II) is chartered to replace the Navy's inventory of 25 different types of computer-based Automatic Test Equipment (ATE) with one type of modern, cost effective COTS/NDI based ATE system. CASS is comprised of five configurations: Hybrid, RF, CNI, EOSS+ and RTCASS. CASS supports intermediate (AIMD/MALS) level and Depot level repair of aircraft, surface, sub-surface and other weapon system electronics. CASS performs fault detection and diagnostic testing of over 2,500 different "black boxes" and associated circuit cards from: FA-18A/B/C/D/E/F, T-45, AV-8B, S-3, EA-6B, F-14 A/B/D, H-60, H-3, E-2, C-2, V-22 and Common Avionics.</p> <p><b>Justification:</b> CASS replaces older, legacy ATE systems that have become obsolete (parts are no longer available) and the older systems are too expensive to maintain. CASS reduces afloat CV/CVN ATE manning from 104 to 54 billets and reduces the size of the AVCAL (spare parts from 30,000 to 3,500). CASS also reduces technician Naval Enlisted Classifications (NECs) types, along with their training courses from 32 to only 4. 18-20 CASS stations will be deployed on CV/CVNs and 3 per LHD/LHA. CASS is utilized at shore AIMDs, at USMC Marine Aviation Logistics Squadrons (MALS), and at 4 Navy depots. Current and budget year requirements (FY 04 and 05) are needed for CASS introduction in support of the following new and transitioning systems:</p> <p><b>New:</b> T-45 TS, ATARS, EA-6B Low/High Band Transmitter, F-18 E/F (multiple), MIDS (EA-6/F-18), F-18 FCC/UFCD/GCU/MPCD/AHRS, CAS CIT BFN, V-22, SH-60B, ATFLIR, CEC (E-2C/Shipboard), and MH-60 R/S (Multiple systems).</p> <p><b>Transitioning:</b> APM-438/457(S-3), USM-403 HATS (S-3), USM-470(V)1 MV (F/A-18), APM-446 RSTS (F/A-18, AV-8B), USM-484 HTS (Multi), AWM-23 RFTS (F-14), OJ-615 TTS (EA-6), USM-429VI, CAT IIID (multi A/C), USM-686 IATS (F/A-18), EA-6B UEU, AN/ALE-50, AN/USM-467 RADCOM (Multi), SSM-9/VTs (S-3), OJ-510 DTB (EA-6B), USM-458 NEWTS (Multi).</p> <p>Pursuing several CLASS I ECPs generated thru the RDT&amp;E programs to permit systematic insertion of new technology to meet advances in weapon system avionics and testing technology, and improve system reliability, maintainability and supportability. Rehosting existing TPSs to XML to leverage increased capabilities of new technology. In FY-03, began updating existing stations with parallel processing capability required to offload TPSs from legacy ATE.</p> <p><b>Modernization:</b> Initiating CASS station update starting in FY-06 to modernize older CASS stations to the newer baseline configuration.</p>												
<p>*Due to multiple Requiring Financial Managers (RFMs) in prior years, detailed breakout of prior year data is not available.</p>												

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DATE:

P-40a

**FEBRUARY 2004**

APPROPRIATION/BUDGET ACTIVITY

P-1 ITEM NOMENCLATURE

**Aircraft Procurement, Navy/BA-7****CONSOLIDATED AUTOMATED SUPPORT SYSTEM/47C2**

Procurement Items	ID Code	Prior Years		FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total
CASS	A											
QTY												
COST												
RF Augmentation												
RT CASS	A											
QTY				12	18	15						
COST				33,280	35,340	29,619						
CASS MOD						4,000						
OTHER COSTS				53,476	56,359	42,955						
TOTAL				86,756	91,699	76,574						

P-1 SHOPPING LIST

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Exhibit P-20, Requirements Study			APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT, NAVY/BA-7			DATE: FEBRUARY 2004		
P-1 ITEM NOMENCLATURE RT CASS		Admin Leadtime (after Oct1): 10 MONTHS			Prod Leadtime : 16 MONTHS			
		FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Buy Summary		12	18	15				
Unit Cost		2,773	1,963	1,975				
Total Cost		33,280	35,340	29,619				
Asset Dynamics								
Beginning Asset Position		0	0	4				
Deliveries from all prior year funding			4					
Deliveries from FY 2003 funding				12				
Deliveries from FY 2004 funding				2				
Deliveries from FY 2005 funding								
Deliveries from subsequent years' funding								
Other Gains								
Combat Losses/Usage								
Training Losses/Usage								
Test Losses/Usage								
Other Losses/Usage								
Disposals/Retirements/Attritions/etc.								
End of Year Asset Position		0	4	18				
Inventory Objective or Current Authorized Allowance		130	130	130				
Inventory Objective 130	Actual Training Expenditures	Other than Training Usage	Disposals (Vehicles/Other)	Vehicles Eligible for FY 2004 Replacement:	Aircraft: TOAI:			
Assets Rqd For Combat Loads:	FY 2002 thru 31 Jul 02	FY 2002 thru 31 Jul 02	FY 2002 thru 31 Jul 02	Vehicles Eligible for FY 2005 Replacement:	PAA: TAI			
WRM Rqmt:	FY 1999:	FY 1999:	FY 1999:	Vehicle Augment:	Attrition Res:			
Pipeline:	FY 1998:	FY 1998:	FY 1998:		BAI			
Other:	FY 1997:	FY 1997:	FY 1997:		Inactive Inv:			
TOTAL:					Storage:			
Remarks:								

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## DATE: FEBRUARY 2004

## Weapon System

## AIRCRAFT PROCUREMENT, NAVY/BA-7

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BUDGET ITEM JUSTIFICATION SHEET P-40							DATE: FEBRUARY 2004				
APPROPRIATION/BUDGET ACTIVITY <b>Aircraft Procurement, Navy/BA-7</b>						P-1 ITEM NOMENCLATURE <b>Common Ground Equipment - Mobile Facilities (47C2)</b>					
Program Element for Code B Items:						Other Related Program Elements					
	Prior Years	ID Code	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total
QUANTITY											
COST (In Millions)	4.856		4.972	5.161	5.373	11.742	11.455	11.479	11.606	CONT	CONT
<p>Program Description:</p> <p>Mobile Facilities (MFs) budgeted in this sub-line consist of basic equipment: 8'X8'X20' shelters, Modular Rigid Wall Shelters, Environmental Control Units, Mobile Electrical Power generators, Short Distance Mobilizes/Complex Decomplex Tools, Resistive Load Banks, 60HZ Frequency Converters, Power Distribution Boxes, power cables, spreader bars, stacking blocks, scaffolds, slings, caster jacks, lashes and buckles. NAVAIR acts as the Primary Inventory Control Activity (PICA) for multi-service procurement of NAVAIR Mobile Facilities and related ancillary equipment.</p> <p>Program Coverage:</p> <p>The requirement for this equipment is directed toward fulfilling Navy and Marine Corps Aviation requirements. The basic concept is to provide containerized aviation logistics support to the operational commander that can be rapidly deployed by all transportation modes to any location in the world. Operationally, the MFs provide the Navy and Marine Corps with a quick response stand-alone capability to meet worldwide operational commitments. Economically, the MFs eliminate the need for "brick &amp; mortar" construction.</p> <p>Justification:</p> <p>This sub-line will meet the ultimate goal of housing all Marine Corps Aviation intermediate-level logistics support in MFs in accordance with the Table of Basic Allowance for Fleet Marine Forces Aviation Units and fulfill specific Navy Aviation mobile logistics requirements as outlined in individual Weapon System Planning Documents (WSPDs).</p>											

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WEAPONS SYSTEM COST ANALYSIS P-5						Weapon System				DATE: FEBRUARY 2004			
APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy/Budget Activity 7						ID Code	P-1 ITEM NOMENCLATURE/SUBHEAD  Common Ground Equipment - Mobile Facilites (47C2)						
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS										
			Prior Years	FY 2003			FY 2004			FY 2005			
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	
70500	1. Mobile Facility Vans	A		87	37.3	3243	90	36.6	3290	91	36.8	3345	
70500	2. Environmental Control Units (3T)	A		150	1.9	285	150	2.0	300	150	2.0	300	
70500	3. Power Cables	A		28	1.0	28	21	1.0	21	93	1.0	93	
70500	4. Short Dist Mob. Complex DeComplex Tool	A		8	17.5	140	8	17.5	140	8	20.0	160	
70500	5. Resistive Load Banks	A		30	12.3	370	0	0.0	0	0	0.0	0	
70500	6. Tactical Quiet Generator	A		0	0.0	0	0	0.0	0	0	0.0	0	
70500	7. Deployable Grounding Grid	A		0	0.0	0	0	0.0	0	0	0.0	0	
70500	8. Publications	NA		2	85.0	170	2	98.0	196	2	97.0	194	
70500	9. Logistic/Engineering Support	NA				435			655			675	
70500	10. Logistic/Production Support	NA				296			532			571	
70500	11. Drafting/Tooling	NA				5			27			35	
			0			4,972			5,161			5,373	

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BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System		A. DATE			
					Mobile Facilities		FEBRUARY 2004			
B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE				SUBHEAD	
Aircraft Procurement, Navy/Budget Activity 7					Common Ground Equipment - Mobile Facilities (47C2)				47C2	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW?	DATE REVISIONS AVAILABLE
<b>1. Mobile Facility Vans</b>										
FY-04	90	36.6	NAWCADLKE	01-04	C/FP	Gichner, Dallastown, PA	01-04	07-04	Yes	No
FY-05	91	36.8	NAWCADLKE	01-05	C/FP	Gichner, Dallastown, PA	01-05	07-05	Yes	No
<b>2. Environmental Cntrl Unit (3T)</b>										
FY-04	150	2.0	NAWCADLKE	09-03	C/FP	Env. Sys. Jacksonville, FL	01-04	07-04	Yes	No
FY-05	150	2.0	NAWCADLKE	09-04	C/FP	Env. Sys. Jacksonville, FL	01-05	07-05	Yes	No
<b>3. Power Cables</b>										
FY-04	21	1.0	PWC Norfolk, VA	02-04	WX	NSC Norflok, VA	02-04	08-04	Yes	No
FY-05	93	1.0	PWC Norfolk, VA	02-05	WX	NSC Norflok, VA	02-05	08-05	Yes	No
<b>4. Short Dist Mob/Complex Decomplex Tool</b>										
FY-04	8	17.5	NAWCADLKE	11-03	C/FP	Evans Ind, City of Industry, CA Tandemloc, Havelock, NC	03-04	05-04	Yes	No
FY-05	8	20.0	NAWCADLKE	11-04	C/FP	Evans Ind, City of Industry, CA Tandemloc, Havelock, NC	03-05	05-05	Yes	No
<b>5. Resistive Load Banks</b>										
FY-03	30	12.3	NAWCADLKE	10-02	C/FP	AVTRON, Cleveland, OH	12-02	06-04	Yes	No
D. REMARKS										
Note: Prices are based on previous contracts plus escalation. Quantities and cost are not always proportional. Buys are determined on total DOD procurements.										

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BUDGET ITEM JUSTIFICATION SHEET P-40							DATE: February 2004					
APPROPRIATION/BUDGET ACTIVITY <b>Aircraft Procurement, Navy/Budget Activity 7</b>							P-1 ITEM NOMENCLATURE <b>Common Ground Equipment (47C2) - Training</b>					
Program Element for Code B Items:							Other Related Program Elements					
		Prior Years	ID Code	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total
QUANTITY												
COST (In Millions)		*	A	\$164.494	\$165.609	\$174.886	\$184.741	\$139.058	\$135.109	\$143.443	Continued	Continued
<p>Common Ground Equipment – Training provides aircrew and aviation maintenance training systems in two categories:</p> <p>General Training Equipment provides for the procurement of aviation training systems, including training devices and associated courseware, which are not associated with a specific aircraft platform. As required, includes modifications and updates to reflect changes in technology, or operating environment</p> <p>Justification of Major Programs: Maintenance Computer Based Training (CBT) provides a formal, standardized training program throughout the fleet and schoolhouses for aircraft maintenance training. The Aircrew Combat Training System (ACTS) will procure hardware and courseware in support of post-FRS HS/HSL, VAQ, VP, and VAW platform aircrew training. Fire fighting will procure mobile aircraft fire fighting training systems for advanced skills training and for fleet damage control personnel. The “A” School program provides training devices for aviation maintenance basic skills training. The Air Traffic Control (ATC) program will procure control tower trainers for both basic qualification and proficiency training at various air stations.</p> <p>Modification/Modernization of Trainers provides for acquisition and updates for training systems supporting out-of-production aircraft.</p> <p>Justification of Major Programs: P-3 Aircraft Improvement Program (AIP) Tactical Aircrew Coordination Trainers (TACT) will be upgraded. A maintenance trainer will also be procured for the P-3 AIP program. Chief of Naval Aviation Training (CNATRA) program will provide upgrades to extend the service life of the TH-57 and the T-34 simulators. The Fleet Aircrew Simulator Training (FAST) program will improve simulators' contribution to readiness. An H-60 Weapons Handling Trainer will be procured. Modification of the E-6B Weapons Systems Trainer. The MH-53E Operational Flight Trainer (OFT) Visual System will be upgraded.</p> <p>* Due to multiple Requiring Financial Managers (RFMs) in prior years, detailed breakout of PY data is not available.</p>												

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## P-1 SHOPPING LIST

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WEAPONS SYSTEM COST ANALYSIS P-5										Weapon System			DATE: February 2004					
APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy/Budget Activity 7										ID Code A	P-1 ITEM NOMENCLATURE/SUBHEAD COMMON GROUND EQUIPMENT - TRAINING/47C2							
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS															
			Prior Years	FY 2003			FY 2004			FY 2005								
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost						
70300	MODIF/MODERN OF TRAINERS																	
	13. CH-46 Tech Refresh/Trainer Support					183			189			188						
	15. CNATRA Trainer Support					10,161			7,437			5,116						
	16. Direct Support Readiness Training					4,300			4,000			4,000						
	17. E-6 Trainers/Support					275			10,103			4,600						
	18. EA-6B Trainers/Support					0			2,184			1,318						
	19. EP-3 Trainer Upgrade/Support					275			2,910			1,148						
	20. F/A-18 A/D Maintenance Trainers					7,135			17,866			0						
	21. F/A-18 Trainers/Support					0			3,938			10,003						
	22. F-14 Trainer Mod/Upgrade					3,903			828			0						
	23. Fleet Aircrew Simulator Training (FAST)					54,423			30,749			64,312						
	24. H-60 Ordnance Handling Trainers					0			0			3,678						
	25. MH-53E OFT Visual System					0			0			8,328						
	26. Deployable Acoustic Readiness Training System (DARTS)					458			469			472						
	27. P-3 Tactical Aircrew Coordination Trainer					0			13,338			0						
	28. P-3 Visual System Upgrade					17,687			0			0						
	29. P-3C Aircraft Improvement Program (AIP) Integrated Avionics Maintenance Trainer					0			0			15,309						
	30. P-3 Trainers/Support					2,207			9,848			12,229						
	31. S-3 Trainers/Support					502			720			706						
	32. SH-60B WST Computer Replacement					0			3,673			0						
	33. USMC Federation Simulators					21,109			3,027			0						
	34. Other Modif/Modern of Trainers Costs					8,439			5,927			3,702						
	SUBTOTAL - MODIF/MODERN OF TRAINERS					131,057			117,206			135,109						
						164,494			165,609			174,886						

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BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System		A. DATE <b>February 2004</b>			
B. APPROPRIATION/BUDGET ACTIVITY <b>Aircraft Procurement, Navy/Budget Activity 7</b>					C. P-1 ITEM NOMENCLATURE <b>COMMON GROUND EQUIPMENT - TRAINING</b>				SUBHEAD <b>47C2</b>	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW?	DATE REVISIONS AVAILABLE
A School - Interactive Multisensor Analysis Trainer										
FY2003	16	48	NSWC Carderock	7/02	RX	Presearch Incorp Fairfax VA	5/03	7/04	Y	1/03
FY2004	3	90	NSWC Carderock	7/03	WX	Presearch Incorp Fairfax VA	1/04	4/05	Y	1/03
Mobile Aircraft Firefighting Training Device (MAFTD)										
FY2004	4	499	FISC Norfolk	5/03	FFP	Canadian Commercial Corp. Ottawa Ontario	12/03	7/04	Y	
FY2005	2	500	FISC Norfolk	5/04	FFP	TBD	12/04	7/05	Y	
D. REMARKS										

EXHIBIT P-43 SIMULATOR AND TRAINING DEVICE JUSTIFICATION											DATE: February 2004																	
Appropriation/P-1 Line Item											Weapon System											IOC						
Aircraft Procurement, Navy/B.A.7/Common Ground Equipment - Training/47C2																												
Training Device by Type	Site	Delivery Date	Ready for Training Date	Average Student Throughput	Prior Years		FY 2002		FY 2003		FY 2004		FY 2005		FY 2006		FY 2007		FY 2008		FY 2009				To Complete		Total	
					Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
"A" School - Interactive Multi-Sensor Analysis Trainer																												
	Post FRS	4/04	4/04	546					16	760																		
	Post FRS	4/05	4/05	546							3	270																
Mobile Aircraft Firefighting Training Device (MAFTD)																												
	Pensacola	7/03	7/03	1000					1	489																		
	Sigonella Sicily	7/03	7/03	1000					1	489																		
	Ft Worth	7/03	7/03	1000					1	489																		
	Mayport	7/03	7/03	1000					1	489																		
	Brunswick ME	7/04	7/04	1000							1	499																
	Whidbey Island WA	7/04	7/04	1000							1	499																
	Suda Bay Crete	7/04	7/04	1000							1	499																
	NAS Lemoore CA	7/04	7/04	1000							1	499																
	Okinawa Japan	7/05	7/05	1000									1	500														
	Rota Spain	7/05	7/05	1000									1	500														
	Roosevelt Rds PR	7/06	7/06	1000																								
	San Diego CA	7/06	7/06	1000																								
	Diego Garcia	7/06	7/06	1000																								
	Naples Italy	7/06	7/06	1000																								
	New Lrleans LA	7/06	7/06	1000																								
	Iwakuni Japan	7/06	7/06	1000																								
	Norfolk VA	7/07	7/07	1000																								
	Meridian MS	7/07	7/07	1000																								
	Corpus Christy TX	7/07	7/07	1000																								
	Great Lakes MI	7/07	7/07	1000																								
Total									20	2,716	7	2,266	2	1,000														
Description																												